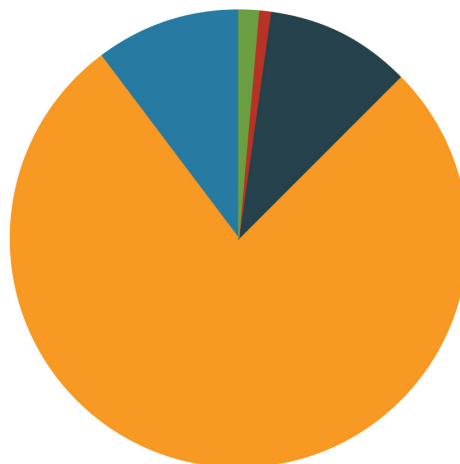


## 2008: TBI Categories (Penetrating/Severe/Moderate/Mild/Not Classifiable):

2008

Penetrating	420
Severe	226
Moderate	2,999
Mild	22,038
Not Classifiable	2,874
<hr/>	
TOTAL - All Severity	28,557



**Concussion/Mild TBI is characterized by the following:** A confused or disoriented state which lasts less than 24 hours; loss of consciousness for up to 30 minutes; memory loss lasting less than 24 hours; and structural brain imaging (MRI or CT scan) yielding normal results.

**Moderate TBI is characterized by the following:** A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 30 minutes, but less than 24 hours; memory loss lasting greater than 24 hours but less than seven days; and structural brain imaging yielding normal or abnormal results.

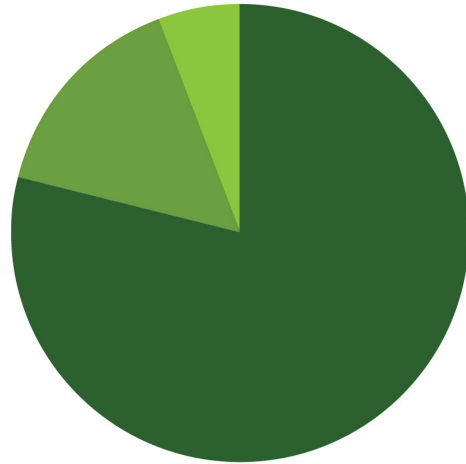
**Severe TBI is characterized by the following:** A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 24 hours; memory loss for more than seven days; and structural brain imaging yielding normal or abnormal results.

**Penetrating TBI, or open head injury, is a head injury in which the dura mater, the outer layer of the meninges, is penetrated. Penetrating injuries can be caused by high-velocity projectiles or objects of lower velocity such as knives, or bone fragments from a skull fracture that are driven into the brain.**

## 2008: Army Breakdown

### 2008 Army

Active	15,577
Guard	2,979
Reserves	1,122
<hr/>	
TOTAL - Army	19,678

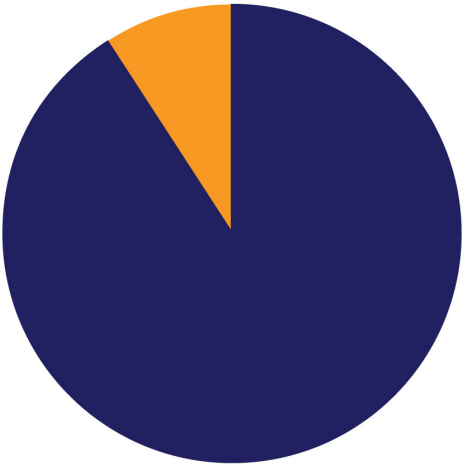


Service	Component	Severity	2008
Army	Active	Penetrating	287
		Severe	128
		Moderate	1,492
		Mild	11,240
		Not Classifiable	2,430
	Guard	Penetrating	33
		Severe	25
		Moderate	378
		Mild	2,279
		Not Classifiable	264
	Reserves	Penetrating	11
		Severe	11
		Moderate	133
		Mild	905
		Not Classifiable	62

2008: Navy Breakdown

2008 Navy

Active	2,589
Reserves	257
TOTAL - Navy	2,846

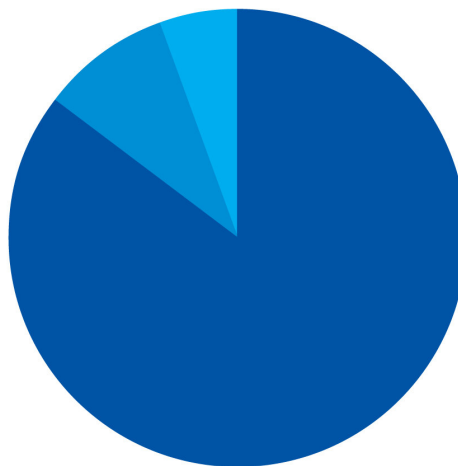


Service	Component	Severity	2008
Navy	Active	Penetrating	25
		Severe	17
		Moderate	286
		Mild	2,225
		Not Classifiable	36
	Reserves	Penetrating	2
		Severe	-
		Moderate	27
		Mild	223
		Not Classifiable	5

## 2008: Air Force Breakdown

### 2008 Air Force

Active	2,242
Guard	237
Reserves	145
<hr/>	
TOTAL - Air Force	2,624

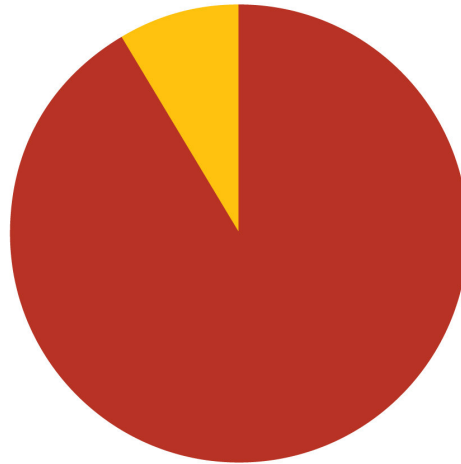


Service	Component	Severity	2008
Air Force	Active	Penetrating	21
		Severe	19
		Moderate	243
		Mild	1,928
		Not Classifiable	31
	Guard	Penetrating	2
		Severe	-
		Moderate	25
		Mild	209
		Not Classifiable	1
	Reserves	Penetrating	-
		Severe	1
		Moderate	15
		Mild	126
		Not Classifiable	3

## 2008: Marines Breakdown

### 2008 Marines

Active	3,122
Reserves	287
<b>TOTAL - Marines</b>	<b>3,409</b>



Service	Component	Severity	2008
Marines	Active	Penetrating	36
		Severe	24
		Moderate	362
		Mild	2,665
		Not Classifiable	35
	Reserves	Penetrating	3
		Severe	1
		Moderate	38
		Mild	238
		Not Classifiable	7

*Numbers updated as of 31 December 2009.*

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS), as of 15 Feb 2010

Prepared by Armed Forces Health Surveillance Center (AFHSC)